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> DEWALT 68,000 BTU Forced Air Propane Heater Instruction Manual

DEWALT DXH70CFAV

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Model: DXH70CFAV

INTRODUCTION

Thank you for choosing the DEWALT 68,000 BTU Forced Air Propane Heater. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your heater. Please read all instructions carefully before use and retain this manual for future reference.



Image: The DEWALT 68,000 BTU Forced Air Propane Heater, a robust and portable heating solution.

IMPORTANT SAFETY INFORMATION

WARNING: This product can expose you to chemicals including carbon monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

- Always operate the heater on a level surface to prevent accidental tipping.
- Ensure adequate ventilation when operating the heater, especially in enclosed spaces, to prevent carbon monoxide buildup.
- Keep combustible materials at a safe distance from the heater.
- Do not block the air intake or exhaust openings.
- Never leave the heater unattended while in operation.
- Store propane tanks in a well-ventilated area, away from heat sources and direct sunlight.

Video: Important considerations before using the DEWALT heater, including cleaning and proper storage to avoid odors.

SETUP

Unpacking and Assembly

Carefully remove the heater from its packaging. Ensure all components are present: heater unit, hose & regulator assembly, and handle. Attach the handle securely to the top of the heater using the provided hardware.

Connecting to Propane Supply

1. Ensure the heater's control knob is in the 'OFF' position.
2. Connect the hose & regulator assembly to the propane tank. Ensure a tight, leak-free connection. Note that the propane tank connection is often left-hand threaded.
3. Connect the other end of the hose to the heater's propane inlet.
4. Slowly open the valve on the propane tank.

Power Options

This heater offers hybrid power functionality:

- **20V MAX Battery:** Insert a fully charged DEWALT 20V MAX Lithium Ion battery into the battery compartment. This powers the fan and igniter for cordless operation.
- **120V AC Power:** Alternatively, plug the heater into a standard 120V AC outlet using an appropriate extension cord. This powers the fan and igniter for corded operation.

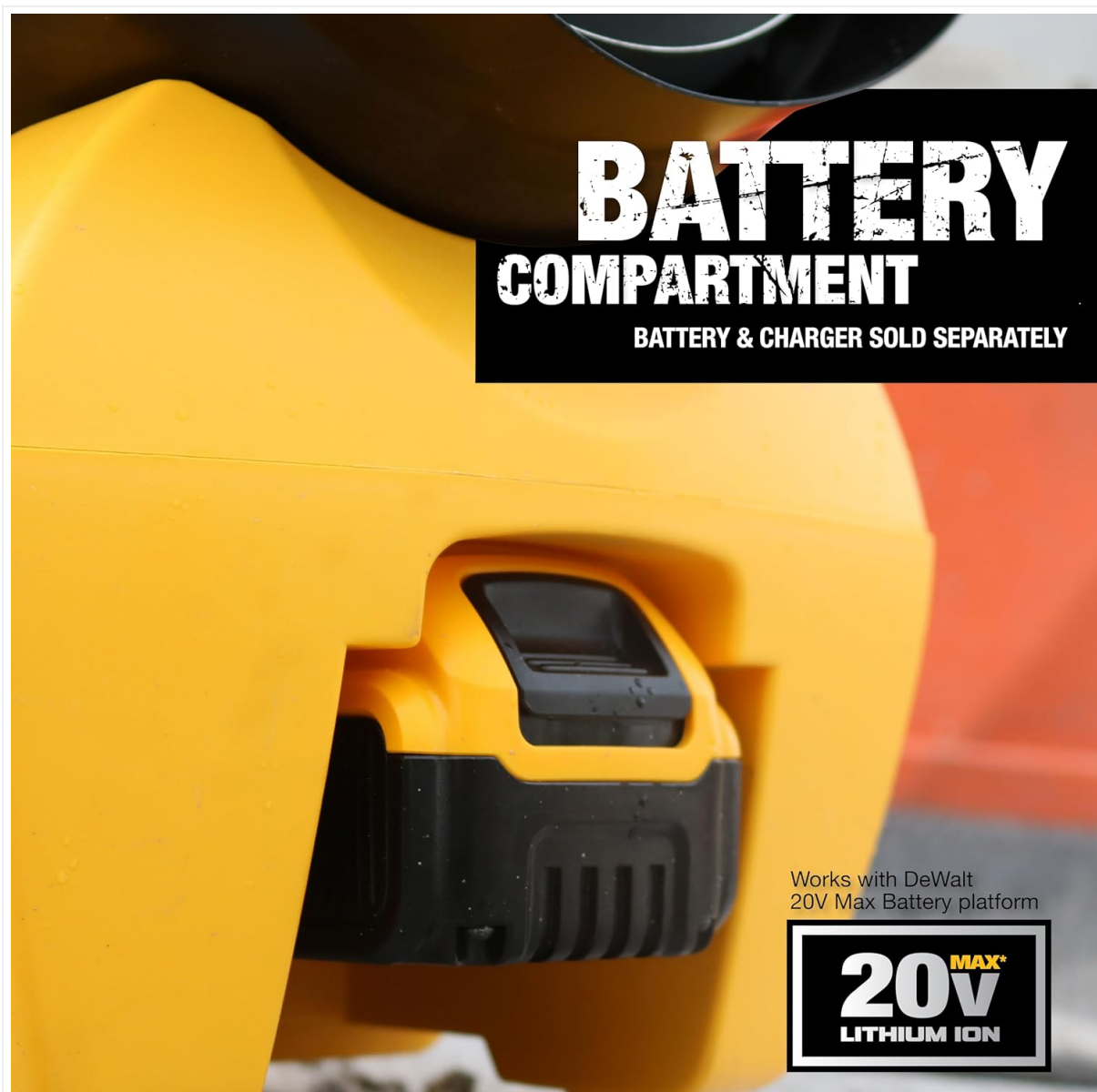


Image: Close-up of the hybrid power system, showing both the AC power inlet and the battery compartment.



Image: The battery compartment designed for DEWALT 20V MAX Lithium Ion batteries (battery sold separately).

Video: A hands-on overview of the DEWALT 68,000 BTU Portable Heater, demonstrating its components and power options.

OPERATING INSTRUCTIONS

Starting the Heater

1. Ensure the propane tank valve is open and the heater is connected to a power source (battery or AC).
2. Press the red 'ON' button to activate the fan. A green indicator light will illuminate.
3. Rotate the output control knob to the desired heat setting (between 27,000 and 68,000 BTU).
4. Press and hold the igniter button for approximately 5-10 seconds until the flame ignites and stabilizes. Release the button once the flame is steady.

Adjusting Heat Output

The heater features a variable rate control knob, allowing you to adjust the heat output from 27,000 BTU to 68,000 BTU. Turn the knob clockwise for lower heat and counter-clockwise for higher heat.



Image: Close-up of the variable rate control knob, indicating settings from 27,000 to 68,000 BTU.

Turning Off the Heater

To turn off the heater, simply press the red 'OFF' button. The fan will continue to run for a short period to cool down the unit before shutting off completely. Close the valve on the propane tank after use.

Video: A quick guide demonstrating the startup and shutdown procedure for the DEWALT propane heater.

MAINTENANCE

Cleaning

Regularly inspect and clean the heater to ensure optimal performance and prevent odors. Use a soft, dry cloth to wipe down the exterior. Ensure the air intake and exhaust areas are free from dust and debris. Never use abrasive cleaners or solvents.

Storage

When not in use, disconnect the propane tank and store the heater in a cool, dry place, away from direct sunlight and moisture. Ensure the unit is completely cool before storing.

TROUBLESHOOTING

- **Heater does not ignite:** Check propane tank level, ensure propane valve is fully open, verify power supply (battery charge or AC connection), and ensure the igniter button is held long enough.
- **Unusual odor during operation:** Ensure the heater is clean and free of dust. Always operate in a well-ventilated area. If the odor persists, discontinue use and consult a qualified technician.
- **Heater shuts off unexpectedly:** The heater is equipped with safety features, including a high limit switch and a thermoelectric safety valve. Ensure the unit is on a level surface and not overheating due to blocked airflow.

Video: Addressing a common user question about the exterior temperature of the heater during operation, highlighting safety aspects.

SPECIFICATIONS

Brand	DEWALT
Model Number	DXH70CFAV
Heat Output	27,000 - 68,000 British Thermal Units (BTU)
Heating Coverage	Up to 1,700 square feet
Fuel Type	Propane
Power Source	Corded Electric (120 Volts) or DEWALT 20V MAX Battery
Item Weight	13.2 Pounds
Item Dimensions (D x W x H)	17.5"D x 10.5"W x 18"H
Included Components	Heater, hose & regulator assembly, handle, owner's manual

DIMENSIONS



Image: Visual representation of the heater's dimensions: 18.00" Height, 17.50" Width, 10.50" Length.



HEAVY-DUTY HANDLE

Image: Summary of key features including heating area, run time, heat settings, fuel type, ergonomic handle, rugged barrel, and included accessories.

WARRANTY

This DEWALT heater comes with a **2-year limited warranty** on parts. Please refer to the original purchase documentation for full warranty terms and conditions.

SUPPORT

For technical assistance, replacement parts, or warranty claims, please contact DEWALT customer support. Visit the official DEWALT website for contact information and service center locations.